

as 90
0403

Page 1 of 7

#2



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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/043,573

DATE: 04/09/2002
TIME: 11:23:15

Input Set : N:\Crf3\RULE60\10043573.raw
Output Set: N:\CRF3\04092002\J043573.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:
5 (i) APPLICANT: Lemieux, Bertrand
6 Landry, Benoit S.
7 Sapolsky, Ronald J.
9 (ii) TITLE OF INVENTION: Brassica Polymorphisms
12 (iii) NUMBER OF SEQUENCES: 173
14 (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: Townsend and Townsend and Crew LLP
16 (B) STREET: Two Embarcadero Center, Eighth Floor
17 (C) CITY: San Francisco
18 (D) STATE: California
19 (E) COUNTRY: USA
20 (F) ZIP: 94111-3834
22 (v) COMPUTER READABLE FORM:
23 (A) MEDIUM TYPE: Diskette
24 (B) COMPUTER: IBM Compatible
25 (C) OPERATING SYSTEM: DOS
26 (D) SOFTWARE: FastSEQ for Windows Version 2.0
28 (vi) CURRENT APPLICATION DATA:
C--> 29 (A) APPLICATION NUMBER: US/10/043,573
C--> 30 (B) FILING DATE: 09-Jan-2002
31 (C) CLASSIFICATION:
33 (vii) PRIOR APPLICATION DATA:
35 (A) APPLICATION NUMBER: US/08/813,507
36 (B) FILING DATE: 07-MAR-1997
38 (A) APPLICATION NUMBER: US 60/032,069
39 (B) FILING DATE: 02-DEC-1996
41 (viii) ATTORNEY/AGENT INFORMATION:
42 (A) NAME: Liebeschuetz, Joe
43 (B) REGISTRATION NUMBER: 37,505
44 (C) REFERENCE/DOCKET NUMBER: 018547-030100US
46 (ix) TELECOMMUNICATION INFORMATION:
47 (A) TELEPHONE: 415 576-0200
48 (B) TELEFAX: 415 576-0200
49 (C) TELEX:
52 (2) INFORMATION FOR SEQ ID NO: 1:
54 (i) SEQUENCE CHARACTERISTICS:
55 (A) LENGTH: 41 base pairs
56 (B) TYPE: nucleic acid
57 (C) STRANDEDNESS: single
58 (D) TOPOLOGY: linear
61 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

ENTERED

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Input Set : N:\Crf3\RULE60\10043573.raw
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63 TCAAAACTAA TATTCTTTT GTTGATTGGT AATAAACAGG T 41
 65 (2) INFORMATION FOR SEQ ID NO: 2:
 67 (i) SEQUENCE CHARACTERISTICS:
 68 (A) LENGTH: 41 base pairs
 69 (B) TYPE: nucleic acid
 70 (C) STRANDEDNESS: single
 71 (D) TOPOLOGY: linear
 74 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: 41
 76 TCAAAACTAA TATTCTTTT CTTGATTGGT AATAAACAGG T
 78 (2) INFORMATION FOR SEQ ID NO: 3:
 80 (i) SEQUENCE CHARACTERISTICS:
 81 (A) LENGTH: 20 base pairs
 82 (B) TYPE: nucleic acid
 83 (C) STRANDEDNESS: single
 84 (D) TOPOLOGY: linear
 87 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 89 TTGATTATAW AGAAAACAAC 20
 91 (2) INFORMATION FOR SEQ ID NO: 4:
 93 (i) SEQUENCE CHARACTERISTICS:
 94 (A) LENGTH: 20 base pairs
 95 (B) TYPE: nucleic acid
 96 (C) STRANDEDNESS: single
 97 (D) TOPOLOGY: linear
 100 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4: 20
 102 TTGATTATAW AGAAAAGAAC
 104 (2) INFORMATION FOR SEQ ID NO: 5:
 106 (i) SEQUENCE CHARACTERISTICS:
 107 (A) LENGTH: 20 base pairs
 108 (B) TYPE: nucleic acid
 109 (C) STRANDEDNESS: single
 110 (D) TOPOLOGY: linear
 113 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
 115 TGATTATAAW GAAAACAACT 20
 117 (2) INFORMATION FOR SEQ ID NO: 6:
 119 (i) SEQUENCE CHARACTERISTICS:
 120 (A) LENGTH: 20 base pairs
 121 (B) TYPE: nucleic acid
 122 (C) STRANDEDNESS: single
 123 (D) TOPOLOGY: linear
 126 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
 128 TGATTATAAW GAAAAGAACT 20
 130 (2) INFORMATION FOR SEQ ID NO: 7:
 132 (i) SEQUENCE CHARACTERISTICS:
 133 (A) LENGTH: 20 base pairs
 134 (B) TYPE: nucleic acid
 135 (C) STRANDEDNESS: single
 136 (D) TOPOLOGY: linear
 139 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
 141 GATTATAAAS AAAACAACTA 20

RAW SEQUENCE LISTING
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Input Set : N:\Crf3\RULE60\10043573.raw
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143 (2) INFORMATION FOR SEQ ID NO: 8:
145 (i) SEQUENCE CHARACTERISTICS:
146 (A) LENGTH: 20 base pairs
147 (B) TYPE: nucleic acid
148 (C) STRANDEDNESS: single
149 (D) TOPOLOGY: linear
152 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
154 GATTATAAAS AAAAGAACTA 20
156 (2) INFORMATION FOR SEQ ID NO: 9:
158 (i) SEQUENCE CHARACTERISTICS:
159 (A) LENGTH: 20 base pairs
160 (B) TYPE: nucleic acid
161 (C) STRANDEDNESS: single
162 (D) TOPOLOGY: linear
165 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
167 ATTATAAAGW AAACAACTAA 20
169 (2) INFORMATION FOR SEQ ID NO: 10:
171 (i) SEQUENCE CHARACTERISTICS:
172 (A) LENGTH: 20 base pairs
173 (B) TYPE: nucleic acid
174 (C) STRANDEDNESS: single
175 (D) TOPOLOGY: linear
178 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
180 ATTATAAAGW AAAGAACTAA 20
182 (2) INFORMATION FOR SEQ ID NO: 11:
184 (i) SEQUENCE CHARACTERISTICS:
185 (A) LENGTH: 20 base pairs
186 (B) TYPE: nucleic acid
187 (C) STRANDEDNESS: single
188 (D) TOPOLOGY: linear
191 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
193 TTATAAAGAW ACAACTAAC 20
195 (2) INFORMATION FOR SEQ ID NO: 12:
197 (i) SEQUENCE CHARACTERISTICS:
198 (A) LENGTH: 20 base pairs
199 (B) TYPE: nucleic acid
200 (C) STRANDEDNESS: single
201 (D) TOPOLOGY: linear
204 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
206 TTATAAAGAW AAGAACTAAC 20
208 (2) INFORMATION FOR SEQ ID NO: 13:
210 (i) SEQUENCE CHARACTERISTICS:
211 (A) LENGTH: 20 base pairs
212 (B) TYPE: nucleic acid
213 (C) STRANDEDNESS: single
214 (D) TOPOLOGY: linear
217 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
219 TATAAAGAAW ACAACTAAC 20
221 (2) INFORMATION FOR SEQ ID NO: 14:

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223 (i) SEQUENCE CHARACTERISTICS:
224 (A) LENGTH: 20 base pairs
225 (B) TYPE: nucleic acid
226 (C) STRANDEDNESS: single
227 (D) TOPOLOGY: linear
230 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
232 TATAAAGAAW AGAACTAACCC 20
234 (2) INFORMATION FOR SEQ ID NO: 15:
236 (i) SEQUENCE CHARACTERISTICS:
237 (A) LENGTH: 20 base pairs
238 (B) TYPE: nucleic acid
239 (C) STRANDEDNESS: single
240 (D) TOPOLOGY: linear
243 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
245 ATAAAGAAAW CAACTAACCA 20
247 (2) INFORMATION FOR SEQ ID NO: 16:
249 (i) SEQUENCE CHARACTERISTICS:
250 (A) LENGTH: 20 base pairs
251 (B) TYPE: nucleic acid
252 (C) STRANDEDNESS: single
253 (D) TOPOLOGY: linear
256 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
258 ATAAAGAAAW GAACTAACCA 20
260 (2) INFORMATION FOR SEQ ID NO: 17:
262 (i) SEQUENCE CHARACTERISTICS:
263 (A) LENGTH: 20 base pairs
264 (B) TYPE: nucleic acid
265 (C) STRANDEDNESS: single
266 (D) TOPOLOGY: linear
269 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
271 TAAAGAAAAS AACTAACCAT 20
273 (2) INFORMATION FOR SEQ ID NO: 18:
275 (i) SEQUENCE CHARACTERISTICS:
276 (A) LENGTH: 20 base pairs
277 (B) TYPE: nucleic acid
278 (C) STRANDEDNESS: single
279 (D) TOPOLOGY: linear
282 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
284 AAAGAAAACW ACTAACCCATT 20
286 (2) INFORMATION FOR SEQ ID NO: 19:
288 (i) SEQUENCE CHARACTERISTICS:
289 (A) LENGTH: 20 base pairs
290 (B) TYPE: nucleic acid
291 (C) STRANDEDNESS: single
292 (D) TOPOLOGY: linear
295 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
297 AAAGAAAAGW ACTAACCCATT 20
299 (2) INFORMATION FOR SEQ ID NO: 20:
301 (i) SEQUENCE CHARACTERISTICS:

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PATENT APPLICATION: US/10/043,573

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Input Set : N:\Crf3\RULE60\10043573.raw
Output Set: N:\CRF3\04092002\J043573.raw

302 (A) LENGTH: 20 base pairs
303 (B) TYPE: nucleic acid
304 (C) STRANDEDNESS: single
305 (D) TOPOLOGY: linear
308 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
310 AAGAAAACAW CTAACCATTA 20
312 (2) INFORMATION FOR SEQ ID NO: 21:
314 (i) SEQUENCE CHARACTERISTICS:
315 (A) LENGTH: 20 base pairs
316 (B) TYPE: nucleic acid
317 (C) STRANDEDNESS: single
318 (D) TOPOLOGY: linear
321 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
323 AAGAAAAGAW CTAACCATTA 20
325 (2) INFORMATION FOR SEQ ID NO: 22:
327 (i) SEQUENCE CHARACTERISTICS:
328 (A) LENGTH: 20 base pairs
329 (B) TYPE: nucleic acid
330 (C) STRANDEDNESS: single
331 (D) TOPOLOGY: linear
334 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:
336 AGAAAACAAS TAACCATTAT 20
338 (2) INFORMATION FOR SEQ ID NO: 23:
340 (i) SEQUENCE CHARACTERISTICS:
341 (A) LENGTH: 20 base pairs
342 (B) TYPE: nucleic acid
343 (C) STRANDEDNESS: single
344 (D) TOPOLOGY: linear
347 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:
349 AGAAAAGAAS TAACCATTAT 20
351 (2) INFORMATION FOR SEQ ID NO: 24:
353 (i) SEQUENCE CHARACTERISTICS:
354 (A) LENGTH: 20 base pairs
355 (B) TYPE: nucleic acid
356 (C) STRANDEDNESS: single
357 (D) TOPOLOGY: linear
360 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:
362 GAAAACAACW AACCAATTATT 20
364 (2) INFORMATION FOR SEQ ID NO: 25:
366 (i) SEQUENCE CHARACTERISTICS:
367 (A) LENGTH: 20 base pairs
368 (B) TYPE: nucleic acid
369 (C) STRANDEDNESS: single
370 (D) TOPOLOGY: linear
373 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25:
375 GAAAAGAACW AACCAATTATT 20
377 (2) INFORMATION FOR SEQ ID NO: 26:
379 (i) SEQUENCE CHARACTERISTICS:
380 (A) LENGTH: 20 base pairs

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/043,573

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TIME: 11:23:16

Input Set : N:\Crf3\RULE60\10043573.raw

Output Set: N:\CRF3\04092002\J043573.raw

L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]